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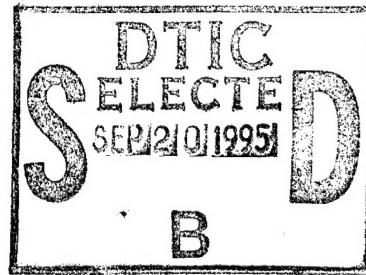
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SCIENTIFIC AND CLINICAL IMPLICATIONS

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Fort Detrick, Maryland 21702-5012

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Donald Henderson

FINAL REPORT
(DAMD17-94-J-4197)

SYMPOSIUM: AUDITORY PLASTICITY AND REGENERATION

Conference Organizers: Donald Henderson, Ph.D., Richard Salvi, Ph.D., Francesco Fiorino, M.D. and Vittorio Colletti, M.D.

The purpose of this project was to organize an international symposium to synthesize and review the findings and issues related to: (1) Auditory system neural plasticity and reorganization (2) Hair cell regeneration and (3) Acquired resistance to noise or drug induced hearing loss. To achieve these goals, a three day International Symposium was held May 5-7, 1994 in Terme di Comano, a secluded conference center just outside of Trento, Italy. The organizers invited 29 well known scientists and clinicians from around the world to present their most recent scientific findings, participate in the discussions and synthesize what was known about each of the topics outlined above. Each one day session began with a general discussion of each scientific phenomenon and ended with a review of the clinical significance of the results. The conference also included a precis poster session to allow other scientists and clinicians with an interest in these topics to present their results and participate in the scientific and clinical discussions. Approximately 110 individuals attended the three day conference.

A second important goal of the meeting was to publish the proceedings of the conference as soon as possible so that the material could be disseminated to other scientists, clinicians and students who were unable to attend the conference. Each speaker was asked to submit a comprehensive review paper describing key aspects of their results as well as other relevant findings in the literature. All of the summary papers were carefully reviewed by the editors, modified and sent to the publisher, Thieme Medical Publishers, within 6 months after the end of the conference. The book entitled "Auditory Plasticity & Regeneration: Scientific and Clinical Implications" is currently in production and is scheduled to appear in print in the Fall of 1995. The book is estimated to be approximately 500 pages in length. The Title Page and Table of Contents of the book are attached. When published, the U.S. Army Medical Research Agency will be sent six copies.

Attachments

(Submitted 6/30/95)

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AUDITORY PLASTICITY & REGENERATION
Scientific and Clinical Implications

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